

Coating binder, esp. for overcoating(s) for vehicles

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Abstract of DE4445355

A binder for (non)-aq. coatings is a copolymer, with COOH content corresp. to 25-50 mg KOH/g, obtd. by copolymerising (a) 20-35 wt.% of a glycidyl ester of an alpha , alpha -dialkyl substd. branched, aliphatic, satd. monocarboxylic acid, (b) 15-20% of a hydroxyalkyl ester of (meth)acrylic acid, (c) 10-40% of an alkyl ester of (meth)acrylic acid, (d) 8-25% of (meth)acrylic acid, and 20-35% of styrene and/or a styrene deriv. Pref. the binder contains an organic solvent. The COOH gps. are (partly) neutralised. A coating compsn. contains (A) the copolymer, (B) a polyisocyanate in amt. to give 0.5-2 NCO gps. w.r.t. 1 OH gp. in (A), (C) an organic solvent and/or water, and opt. (D) pigments, fillers and lacquer additives. The coating is prepd. by mixing the components (A)-(D).

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